

File No. 17072

DUPLICATE

T. 11 R. 16

County Fergus

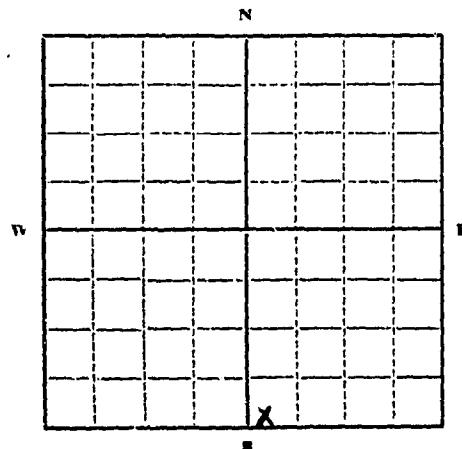
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

R E C E I V E D
 DEC 27 1963

Declaration of Vested Groundwater Rights(Under Chapter 237, Montana Session Laws, 1961) **STATE ENGINEER**

1. *J.H. Grove*, of *Judith Park* (Address) (Town)
 (Name of Appropriator) (Town)
 County of *Jefferson* State of *Mont*

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 16 T. 11 R. 16

Indicate point of appropriation and place of use, if possible.
 Each small square represents 10 acres.

2. The beneficial use on which the claim is based *Livestock water*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1913 up to now
of each year*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *two and one half gallons*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing water from the ground and the location of each well or other means of withdrawal
Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *About 1913 as near as can find I have used the same since 1924*
8. The depth of water table *30 ft*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *2 in casting 65 ft deep*
10. The estimated amount of groundwater withdrawn each year *30,000*
11. The log of formations encountered in the drilling of each well if available
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None

*J.H. Grove
Sec. 16, T. 11, R. 16
Fergus Co., Mont.
Dec 27, 1963*

Signature of Owner *J.H. Grove*Date *12-26-1963*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13289

17072

COP

State of Montana. } vs.
County of Fergus. }

DEC 26 1963

Filed
at 2:50 o'clock P. M.

Max J. Pather
County Clerk and Recorder

* 2nd pt.

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. L1(12)T 11N R 16E MPM

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 11 1962

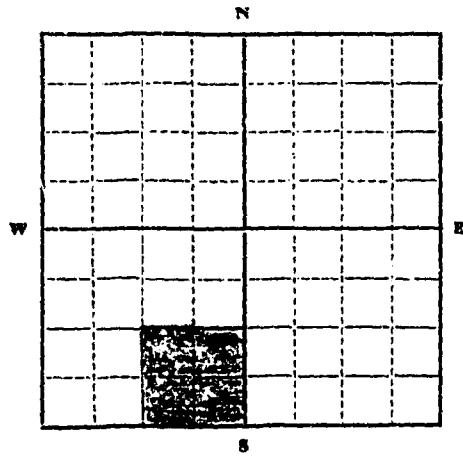
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **United States of America**, of **c/o U. S. Corps of Engineers**, Box 1425, Great Falls, Montana
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20 T 11N R 16E MPM

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.....
Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
2 November 1960
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
2 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Vertical lift pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Started - 27 October 1960
Completed - 2 November 1960

8. The depth of water table.....
65 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Drilled vertical well - 225 feet

10. The estimated amount of groundwater withdrawn each year.....
2880峰米 gallons

11. The log of formations encountered in the drilling of each well if available.....
Sandstone and shale of various types

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

WITNESS:

Elmer B. Mathen

Signature of Owner.....

UNITED STATES OF AMERICA
By John F. Kitchie, Acting Chief
GREAT FALLS REAL ESTATE OFFICE
USCE, Seattle District
Date 10 April 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

9274 COPY

State of Minnesota, }
County of Hennepin, }
Filed APR 11 1962 19
at 3:50 o'clock P.M.
May Rathbun
County Clerk and Recorder
\$2.00 per .

17073
File No.

Approved Stock Form—State Publishing Co., Helena, Montana—39089

T. 11 R. 16

DUPLICATE

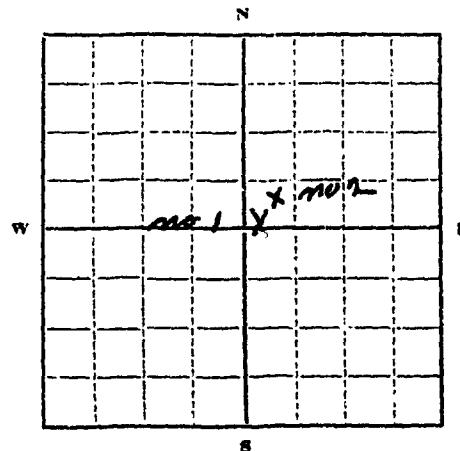
County Tergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. B.O. Grove, of Judith Gap, (Name of Appropriator) (Address) (Town)
County of Montana State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 21 T. 11 R. 16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House and live stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1913, of house and continuously since 1924
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 Gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and pressure system
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1913
8. The depth of water table 20 ft in one well 40 ft in no 2 well
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Both wells are cased with 4 in Casing and are 65 ft deep
10. The estimated amount of groundwater withdrawn each year 125,000 Gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner B.O. Grove

Date 12-26-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.

13290

17073

COPY

State of Montana, }
County of Fergus }ss.
Filed _____ 19 _____
At 2:50 o'clock P.M.
Wray Ruthven
County Clerk and Recorder
B. D. J.

GROUNDWATER INDEX

Page 1 of 1

County Jefferson Twp. 11th Rge. 17^E.

GW 3

File No. 9388

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 11, N. R. 17, E.

County Fergus

RECEIVED
APR 19 1961

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

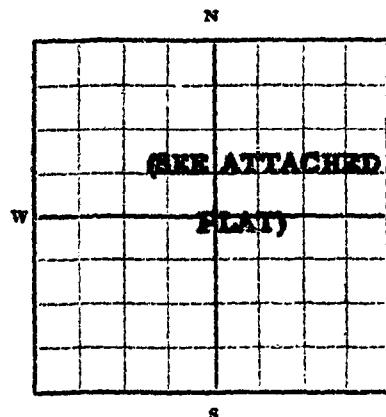
(Under Chapter 237 Montana Session Laws, 1961)

Upper dams: Harold Looney and Roland Wright
Lower dam: Harold Looney and Roland Wright

Date of Appropriation of Groundwater Upper dams - Sept. 14, 1941
Lower dam - Sept. 15, 1956

Owner..... Address..... Moore, Mont.
Upper dams: Charley Martin (address unknown)
Contractor (if any) Lower dam: Harold Looney and Burton Wright

Address of Contractor Moore, Montana
Upper dams: Sept. 1, 1941 Sept. 18, 1941
Lower Date Started Sept. 10, 1956 Date Completed Sept. 15, 1956



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation and power pump

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

1200 miner's inches; water used for irrigation on E $\frac{1}{2}$, E $\frac{1}{2}$ of Sec. 9, W $\frac{1}{4}$, W $\frac{1}{4}$ of Sec. 10, W $\frac{1}{4}$, NW $\frac{1}{4}$ of Sec. 15, E $\frac{1}{2}$, E $\frac{1}{2}$ of Sec. 16, N $\frac{1}{2}$, NE $\frac{1}{4}$, E $\frac{1}{2}$, W $\frac{1}{4}$ of Sec. 21, Twp. 11, N. Rgs. 17, E., and livestock use, domestic use and any other uses; water used year round.

Three dams on creek running through following described land:
NW $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 10, NW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 15, NE $\frac{1}{4}$, NE $\frac{1}{4}$, Sec. 14, SE $\frac{1}{4}$, NE $\frac{1}{4}$, Sec. 15, NE $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$ of Sec. 16, SW $\frac{1}{4}$, SE $\frac{1}{4}$ of Sec. 16, NW $\frac{1}{4}$, NE $\frac{1}{4}$ of Sec. 21, SE $\frac{1}{4}$, NW $\frac{1}{4}$ of Sec. 21, Twp. 11, N. Rgs. 17, East. (See below)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

SE $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$ of Sec. 16,
Twp. 11, N. Rgs. 17, East.

9388

COPY

State of Montana }
County of Fergus. }

APR 18 1962

9:45 a.m. 19

at 10:30 o'clock A.M.

Wm. Ruthlin
County Clerk and Recorder

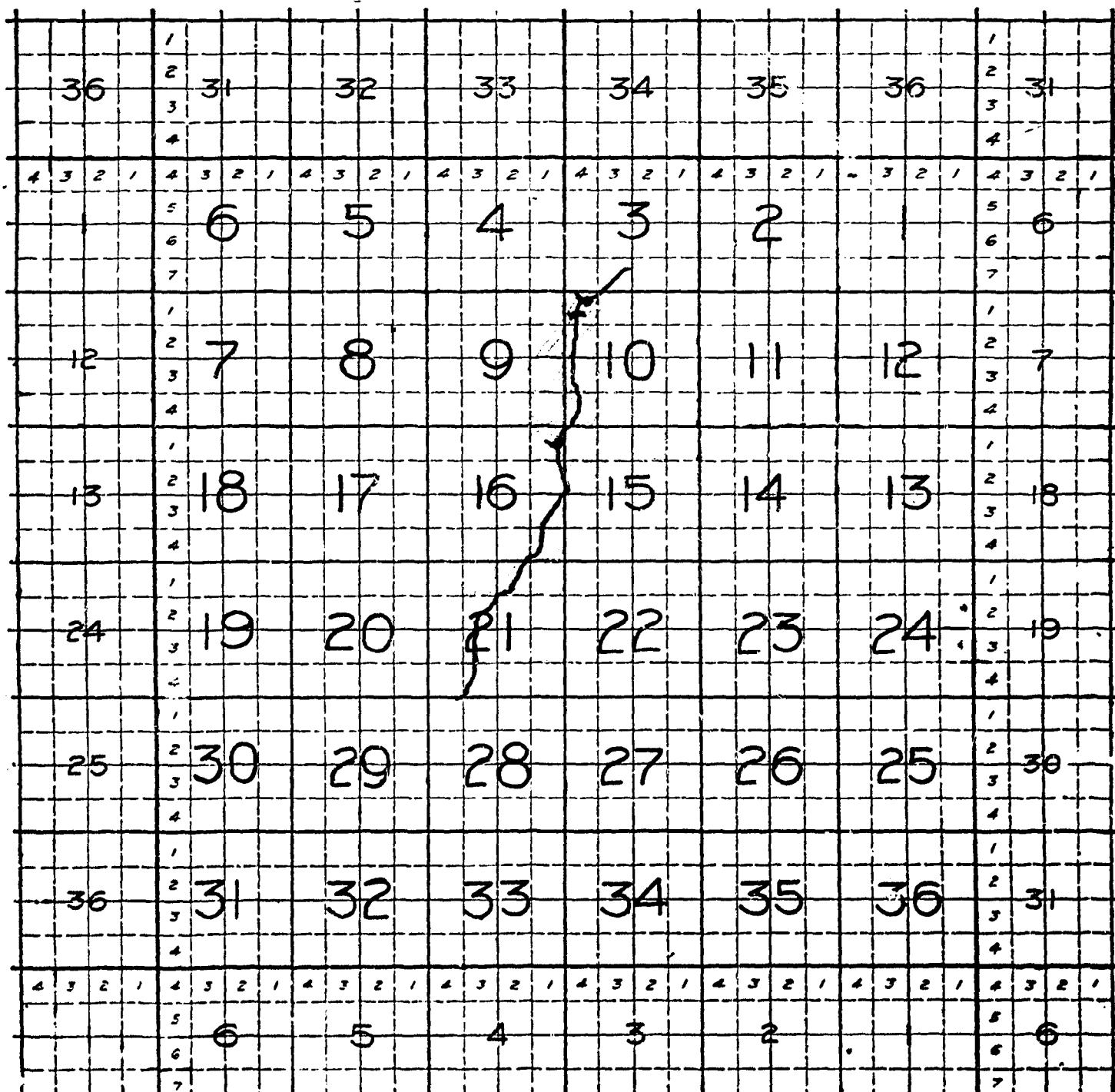
2nd fl.

Township 11, N.

Range 17

Rust

Meridian



Two dams on NW& NW& of Sec. 10, Twp. 11, N. Rgs. 17, E., and — One dam on NE&NE&, Sec. 14, Twp. 11, N. Rgs. 17, E., on Smith, Smith, Smyth, Smythe Creek or Miles Creek or Neil Creek.

/// Area irrigated

Printed and For Sale by The Daily News, Lewistown, Montana

File No. 1439

T. 11 R. 17

County Flergus

DUPLICATE

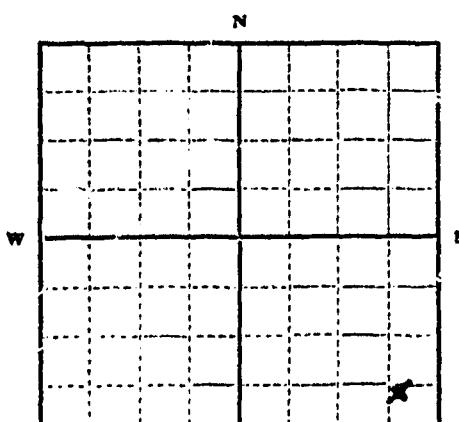
Top of Ground

(Elev. above sea level) 5600

0
1
2
3
4
5
6
7
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9
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11
12
13
14
15
16
17
18
19
20
21
22
23

soil.

terrace gravel.



SE 1/4, Sec. 13 T. 11 R. 17

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

23

Show exact depth of bottom.

3

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clay P. Lucas Address Judith Gap, Mont.
Driller Joe Prairie Address Thompson, Mont.

Date of Notice of Appropriation of Groundwater

Date well started Oct 26, 1963 Date Completed Nov 1st 1963

Type of well Drilled Equipment Used cable tool
(dug, driven, bored or
drilled) (Churn, drill, rotary or
other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 in	10.D. 23"	0	23	water enters from under core		

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 23 feet at 9 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested by hand Length of Test depth from surface

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).

*this well ends in top of gravel
sand.*

Mort. W.W. Contractors Inc. No. 81
Driller's License Number

Joe Prairie
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiator.

17357

17439

State of Montana, County of Fergus, COPY

Filed DEC 30 1962 15
at 4:55 o'clock P.M.
82.00 M.Y. F. TILDRUN
County Clerk and Recorder
Pd.

11N - 17E

T. 11 N. R. 17 E.

County Fergus

STATE OF MONTANA
REGULATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED
FEB 21 1962
STATE ENGINEER

Date of Appropriation of Groundwater

Owner ADAM H. RUNG Address JUDITH GAP, MONT

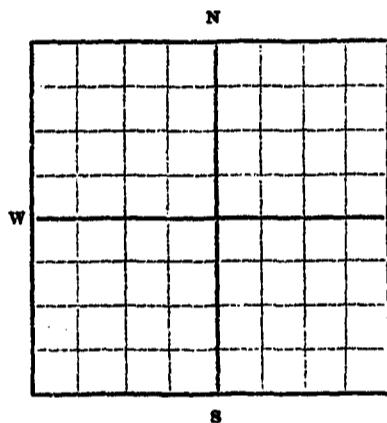
Contractor (if any)

Address of Contractor

Date Started 1941 thru Date Completed to 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Dams for sub-irrigation and ditch irrigation.



1/4 Sec. T. R.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

used all year for stock water.

Signature of Owner.....

Adam H. Rung

Date Feb. 22, 1962.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropiator.

1769

8787 COPY

State of Minnesota }
County of Fergus. } sc

MAR 1 1962

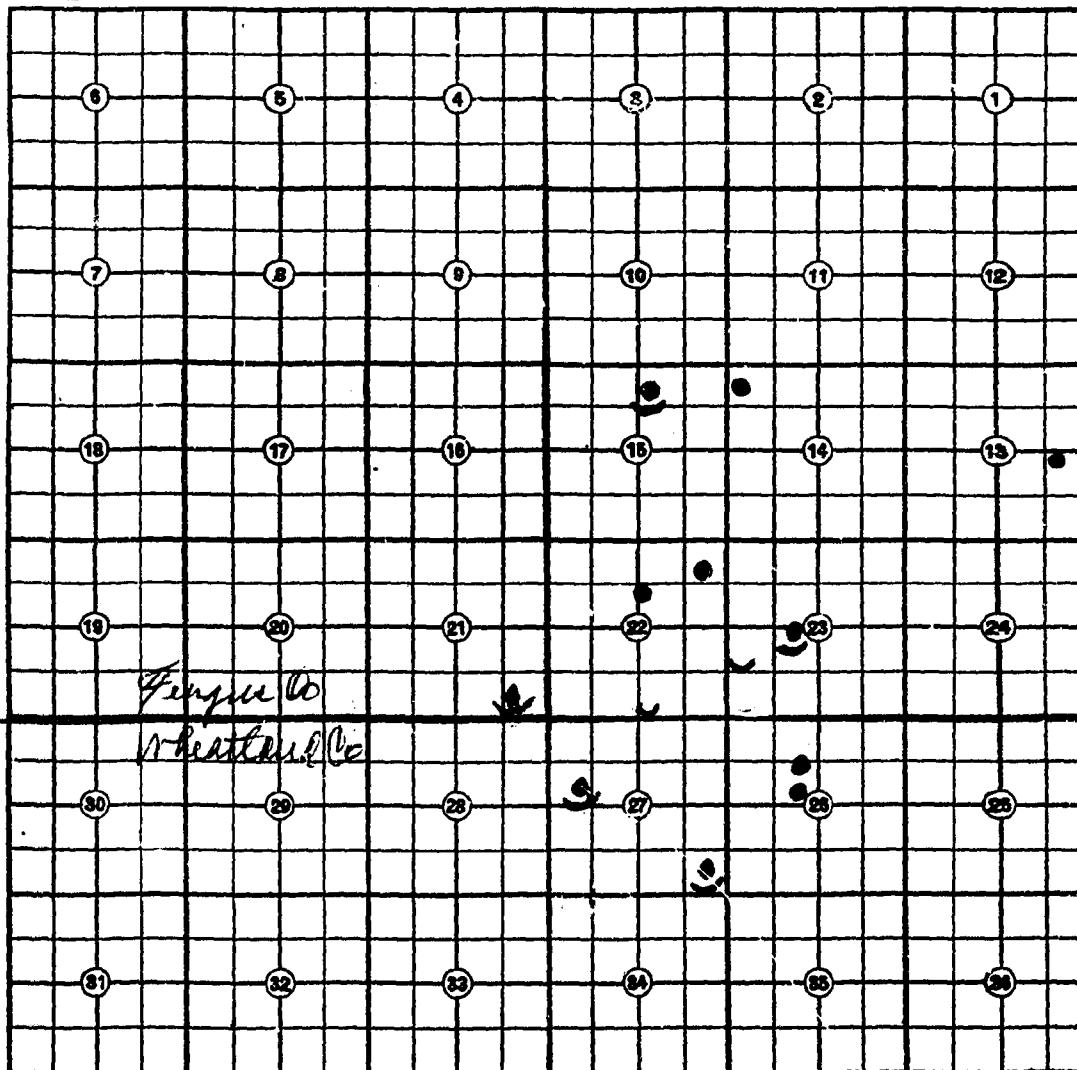
Filed 79

at 4:20 o'clock P.M.

May Ruthlun
County Clerk and Recorder

420 pm

Tp. 11 N. N. Rg. 17 E.



MEMORANDUM

These were all springs at one time; those that were tramped and not furnishing enough water we cleaned out with dozer & dragline.
Those with a quarter circle have dams that we built below the spring.
There are beaver dams too, so altogether we get a lot of subirrigation.

YM — A-YQ

12. Such other information or a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Adam St. Pier

Date Feb. 16, 1962.

T 11 N R17 E.

County FERGUS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

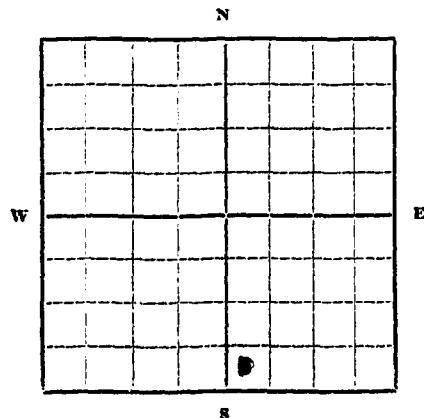
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ADAM H. RUNG, of JUDITH GAP, MONT. (Address) (Town)
(Name of Appropriator)

County of FERGUS State of MONTANA.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Home use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944; Until now!
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pressure pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1944
8. The depth of water table ?
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater depth about 10 ft.
10. The estimated amount of groundwater withdrawn each year ?
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner.

Date Feb. 16, 1962.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1572

8788

COPY

State of Minnesota,
County of Fergus.

Filed MAR 1 1962
4:20 o'clock P.M.
Mary Rutherford
County Clerk and Recorder
42⁰⁰.pr

GWS

File No. 9394

DUPLICATE

GW
**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

T. 11 N.R. 17, E.

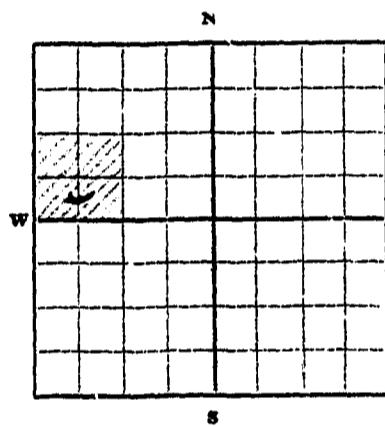
County Fergus

RECEIVED
APR 19 1962

15
16

STATE ENGINEER**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 6, 1956
Harold Looney andOwner Roland Wright Address Moore, MontanaContractor (if any) Harold Looney and Burton WrightAddress of Contractor Moore, MontanaDate Started Sept. 3, 1956 Date Completed Sept. 6, 1956Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation and power pumpSW 1/4 NW 1/4 Sec. 15 T. 11 R. 17

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Estimated at 500 miner's inches; water used forirrigation on SW 1/4 of NW 1/4 of Sec. 15, SE 1/4 of NE 1/4of Sec. 16, E 1/4 of SE 1/4 of Sec. 16, Twp. 11, N. Rge.17, E., and livestock use, domestic use and, my other uses; water used year round.Signature of Owner Harold Looney
Signature of Owner Harold LooneyDate April 13, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

9394

COPY

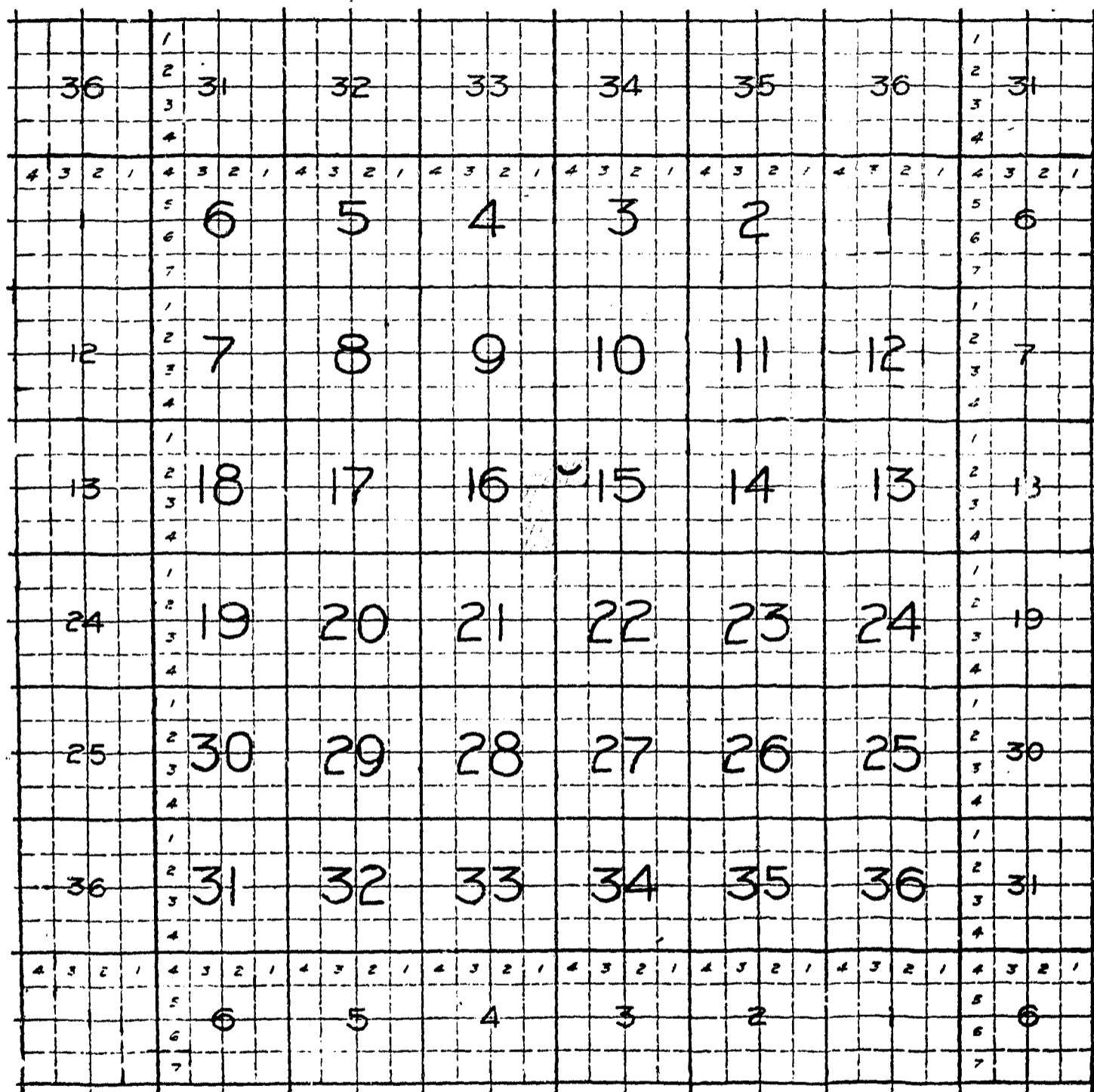
State of Montana
County of Fergus

Filed APR 18 1962 79
a/c 300-00073

Mary Catharine
County Clerk and Recorder

*200

Township No. 11 Range No. 17 Meridian.



~ Dam on SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 15

4% Area irrigated

GW 3

9391

17

File No.

T. 11 N.R. 17.E.

DUPLICATE

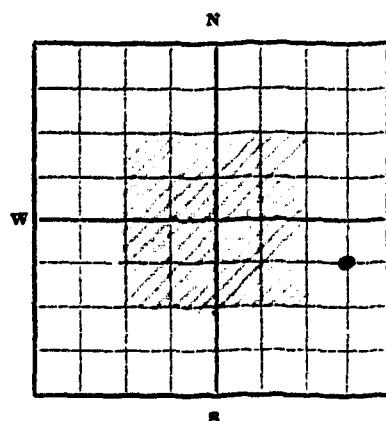
County

RECEIVED
APR 19 1962STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept. 10, 1943
Owner Harold Looney and Roland Wright Address Moore, MontanaContractor (if any) H. C. Looney (deceased) and Burton Wright
Address of Contractor Moore, MontanaDate Started Sept. 1, 1943 Date Completed Sept. 10, 1943Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation and power pump~~NE 1/4 SEC 17 T11 R17~~

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Estimated at 500 minor's inches; water used for irrigation on ~~SE 1/4 NW 1/4 SW 1/4 NE 1/4 NW 1/4 NW 1/4~~ of Sec. 17, Twp. 11 N., Rge. 17 E., and livestock use, domestic use and any other uses; water used year round

Signature of Owner

Signature of Owner

Date April 14, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

9391

COPY

State of Minnesota
County of Ferguson }
}

Filed APR 18 1962

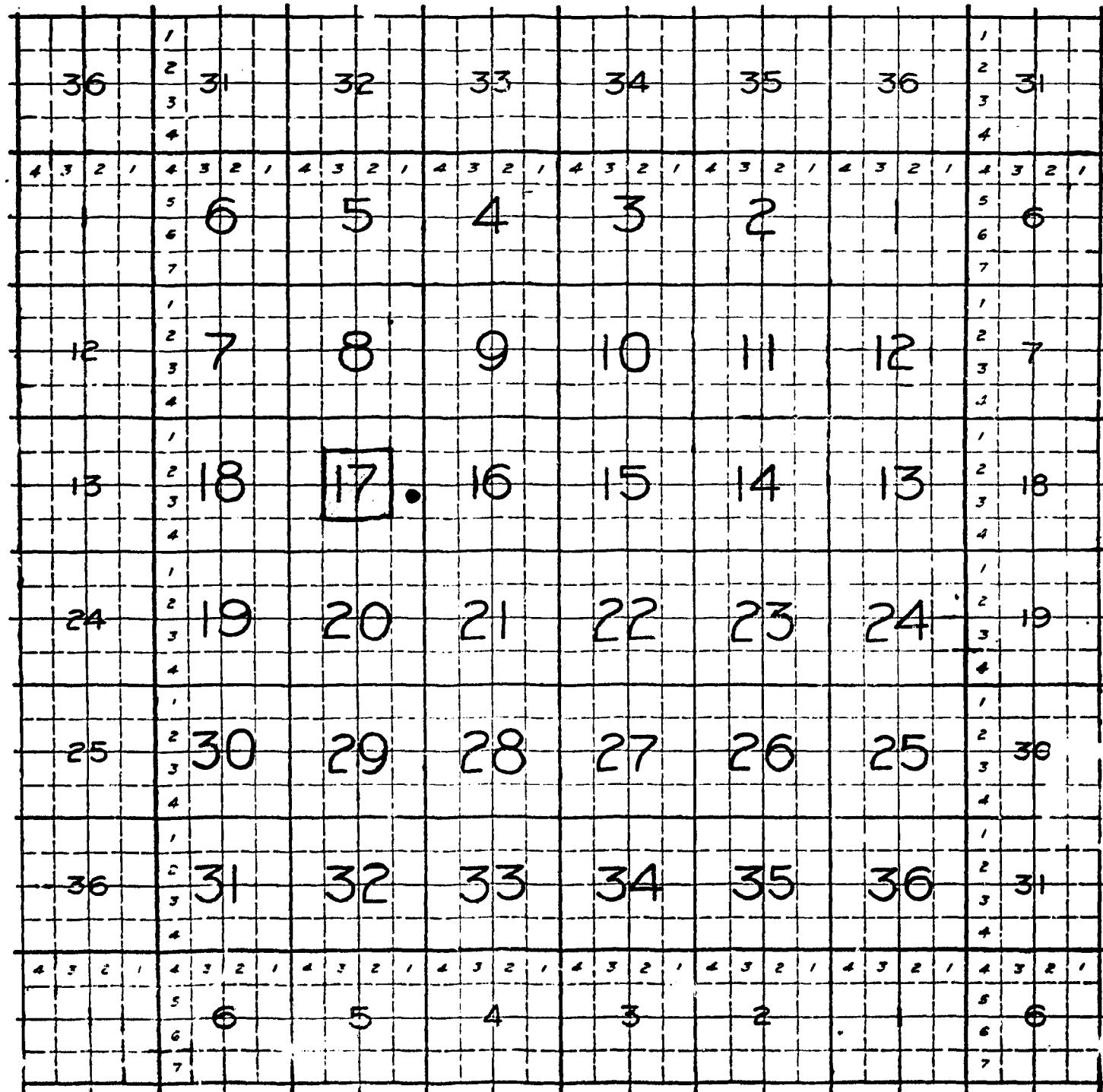
10:30 a.m. 19

Wm. P. Miller

County Clerk and Recorder

200

Township 11 N. Range 17 E. Meridian



* Springs on NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 17

Area irrigated

No. 402 9-60 2M

Printed and For Sale by THE DAILY NEWS, Lewistown, Montana

GW3

File No. 9386

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 11 N. R. 17 E.

County Ferguson

RECEIVED
APR 1 1961

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 10, 1943
Harold Looney and

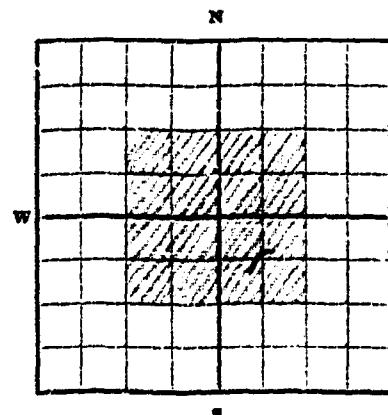
Owner oland Wright Address Moore, Montana

Contractor (if any) H. C. Looney (Deceased) and Burton Wright

Address of Contractor Moore, Montana

Date Started Sept. 1, 1943 Date Completed Sept. 10, 1943

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation and power pump



~~NE 1/4~~ Sec. 17. T. 11. R. 17.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-

tent estimate approximate lengths of periods of use

Estimated at 500 miner's inches; water used for irrigation
on SE 1/4 NW 1/4 SW 1/4 NE 1/4 SW 1/4 NW 1/4 of Sec. 17, Twp.

11 N. Rge. 17 E., and livestock use, domestic use and any
other uses; water used year around

Signature of Owner

Signature of Owner

Date April 11, 1961

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriaor.

9386

COPY

State of Montana
County of Lincoln

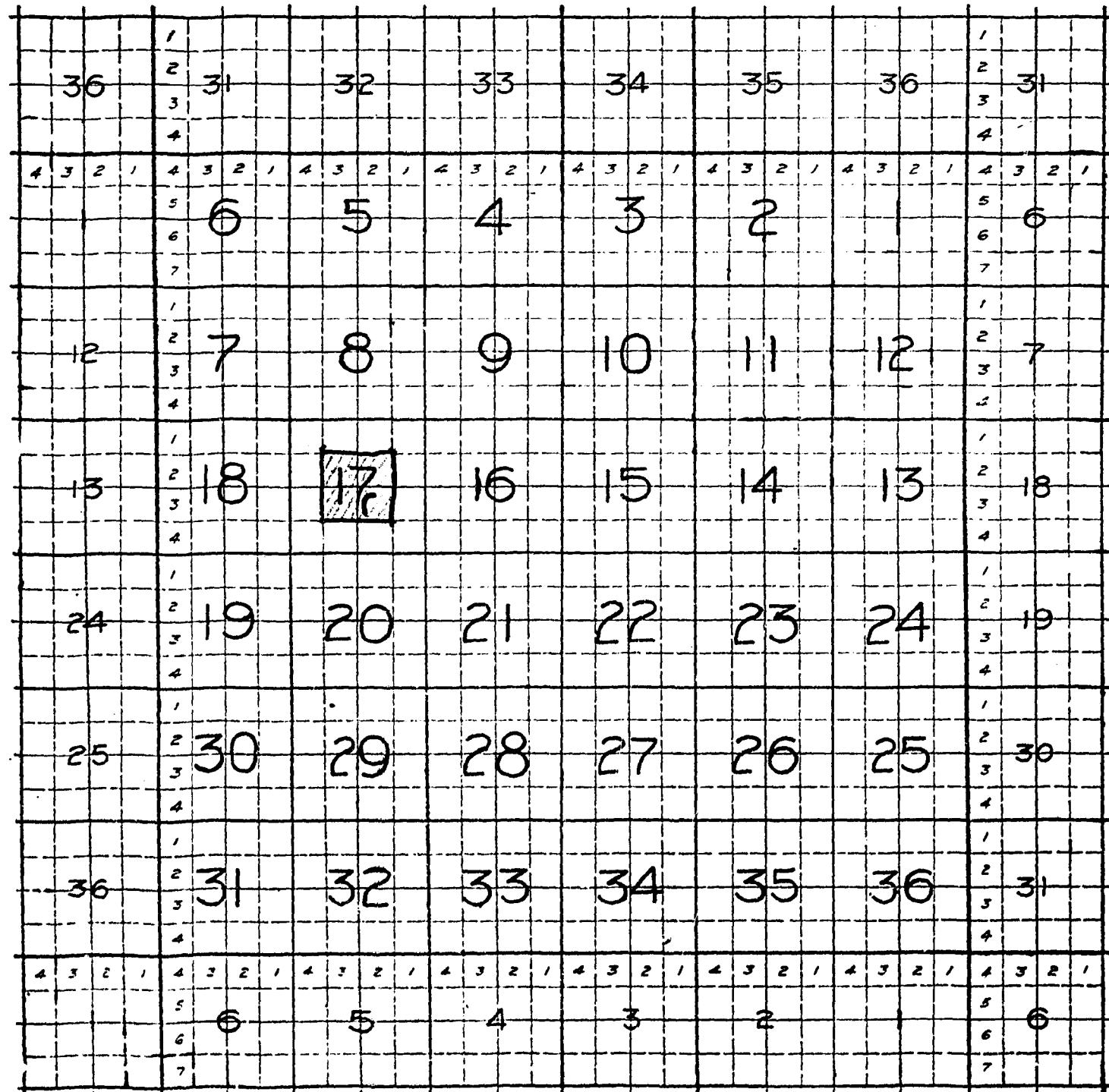
Recd APR 18 1962

at 10:30 a.m.

Tom Reethum
County Clerk and Recorder

*200 fm.

Township No. 11 Range No. 17 Meridian.



GW 3

File No. 9390

17

T. 11, N.R. 17, E.

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 19 1962

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 10, 1948.

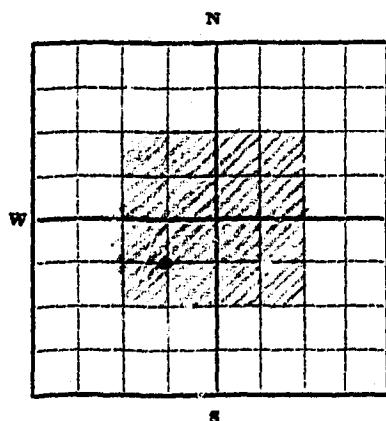
Owner Harold Looney and Roland Wright Address Moore, Mont.

Contractor (if any) H. C. Looney (Deceased) and Burton Wright

Address of Contractor Moore,

Date Started Sept. 1, 1948 Date Completed Sept. 10, 1948

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation and power pumps



NE 1/4 SW 1/4 Sec. 17 T. 11 R. 17

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Estimated at 500 miner's inches; water used for irrigation on NE 1/4 NW 1/4 SW 1/4 NE 1/4 SW 1/4 of Sec. 17, Twp. 11, N. Rge. 17, E., and livestock use, domestic use and may other uses; water used year round

Signature of Owner Harold Looney
Signature of Owner Roland Wright

Date April 19, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

9390

COPY

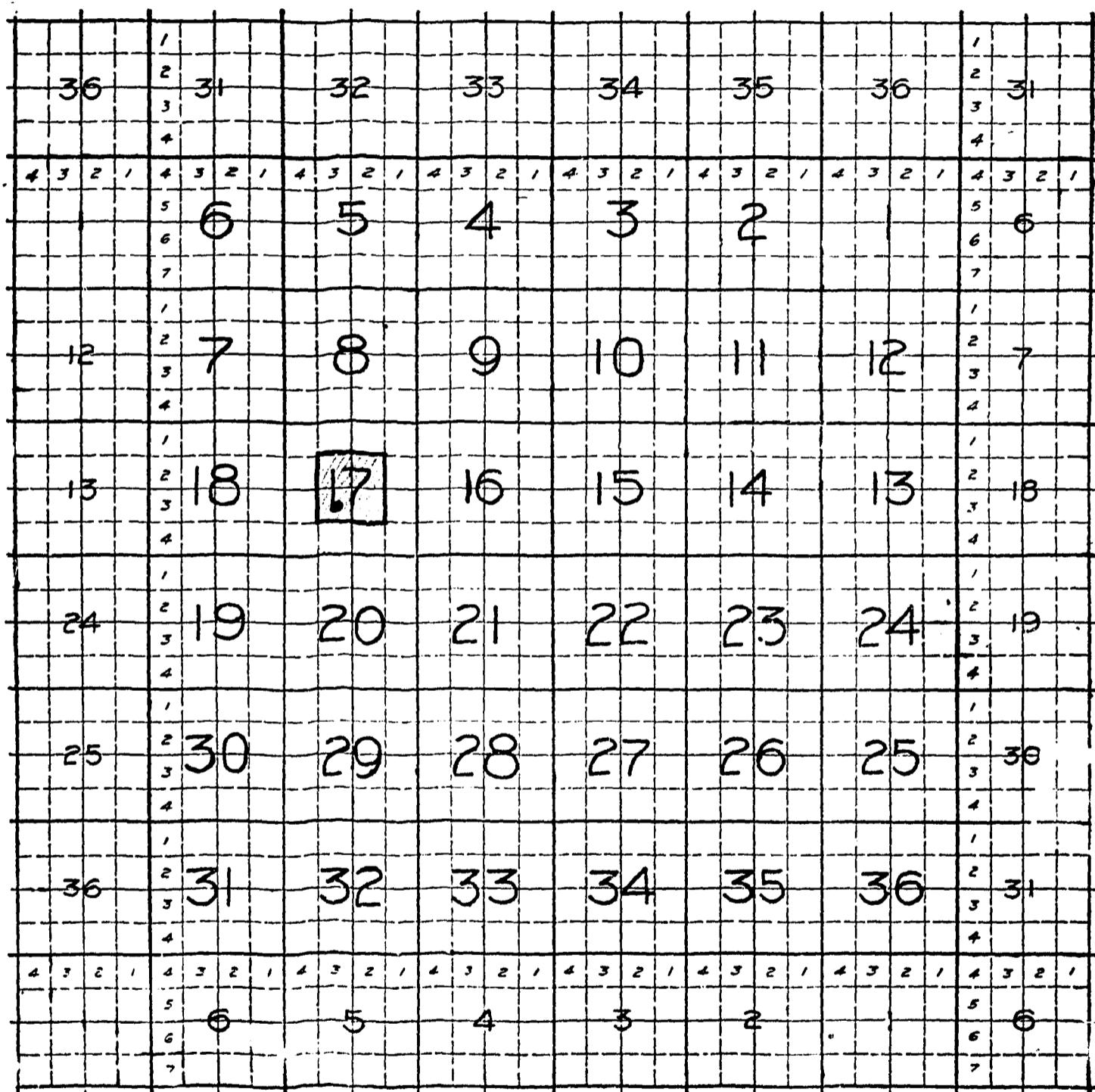
State of Montana, }
County of Fergus. }ss

Filed APR 18 1962 70
at 10:30 o'clock A.M.

Elmer Rutherford
County Clerk and Recorder

#209

Township.....11, N..... Range.....17, E..... Meridian



* Springs on NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 17, Twp. 11, N. Rge. 17, E.

No. 40B ¹ Area irrigated

Printed and For Sale by THE DAILY NEWS, Lewistown, Montana

GW

17261
File No.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

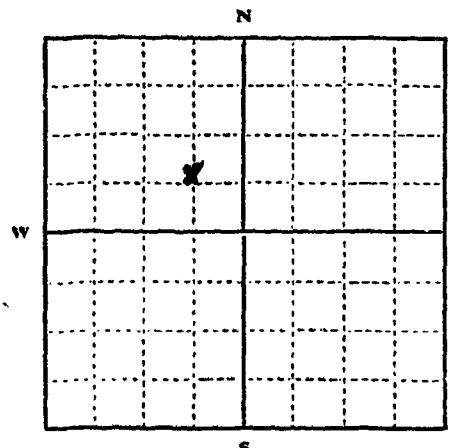
T 11 R 17

DUPLICATE

County DouglasSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. George Frank Bolick, of Freelith Gap
(Name of Appropriator) (Address) (Town)County of Douglas State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:Sec. 14, T. 11 R. 17Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based watering cattle
on grass and in feed yard
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 8-1963 used steady
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 13
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal large
submersed pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 6-1962 - 7-1963
8. The depth of water table raised to 11' of surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater bored well 198' deep full cased
with 4 1/2" pipe
10. The estimated amount of groundwater withdrawn each year \$408,800
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner George Frank Bolick
Date 12-30-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17191

17261

COPY

State of Franklin
County of Franklin
FILED DEC 30 1963
12:00 o'clock M.
Mary Rutherford
County Clerk and Recorder
\$2.00 per

File No. 17260

T. 11 R. 17

DUPLICATE

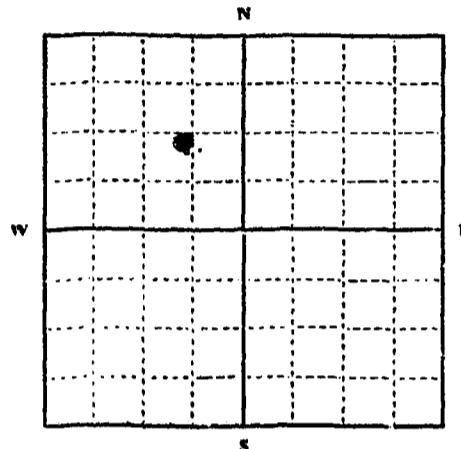
County Pergue

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R E C O R D
JAN 2 1966

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George Frank Bolick
(Name of Appropriator), of Adelth Gap
(Address) (Town)County of Pergue State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:SE 1/4, Sec 18 T. 11 R. 17Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based yard and house hold use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 6-1949 has been used steadily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 5-1949 - 6-1949
8. The depth of water table raises to 18' of surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 16' deep well with 8' diameter
casing for 100' annual with concrete and electric pump installed
10. The estimated amount of groundwater withdrawn each year 900 gal. 4,204,800
11. The log of formations encountered in the drilling of each well if available 176' deep log not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner George Frank Bolick
Date 12-30-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17190

17260

COPY

State of Minnesota } vs.
County of Ramsey }

DEC 30 1963

Filed.....
at 12:00 o'clock noon/
Wayne Ruthven
County Clerk and Recorder

200 pds

11 = 18 min 18
EE

File No. 9392

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 11, N. R. 17, E.

County Fergus

RECEIVED

APR 19 1961

16
17
18
19
20

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Dam in Sec. 17: 1941

Date of Appropriation of Groundwater Dam in Sec. 19: 1935

Owner Roland Wright and Harold Lathey Address Moore, Mont.

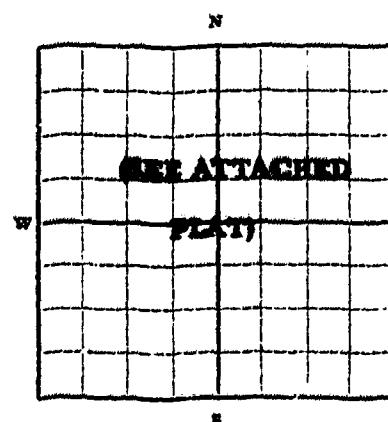
Contractor (if any) Charley Martin

Unknown

Address of Contractor Unknown

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable sub-irrigation and power pump

..... $\frac{1}{4}$ Sec..... T..... R.....

Indicate point of appropriation and place of use, if possible.

Springs and dams along Hyde creek as follows:
 Springs in NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 16, springs in NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 16, springs in SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 16, springs in SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 17, springs in SW $\frac{1}{4}$ of Sec. 17, Dam on SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 17, Hoover dams on NW $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 16, Also, SE $\frac{1}{4}$ SE $\frac{1}{4}$ (See below)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

of Sec. 17. Dam on NW $\frac{1}{4}$ NE $\frac{1}{4}$
 of Sec. 18, Twp. 11, N. Rge. 17,
 E.

8882

COPY

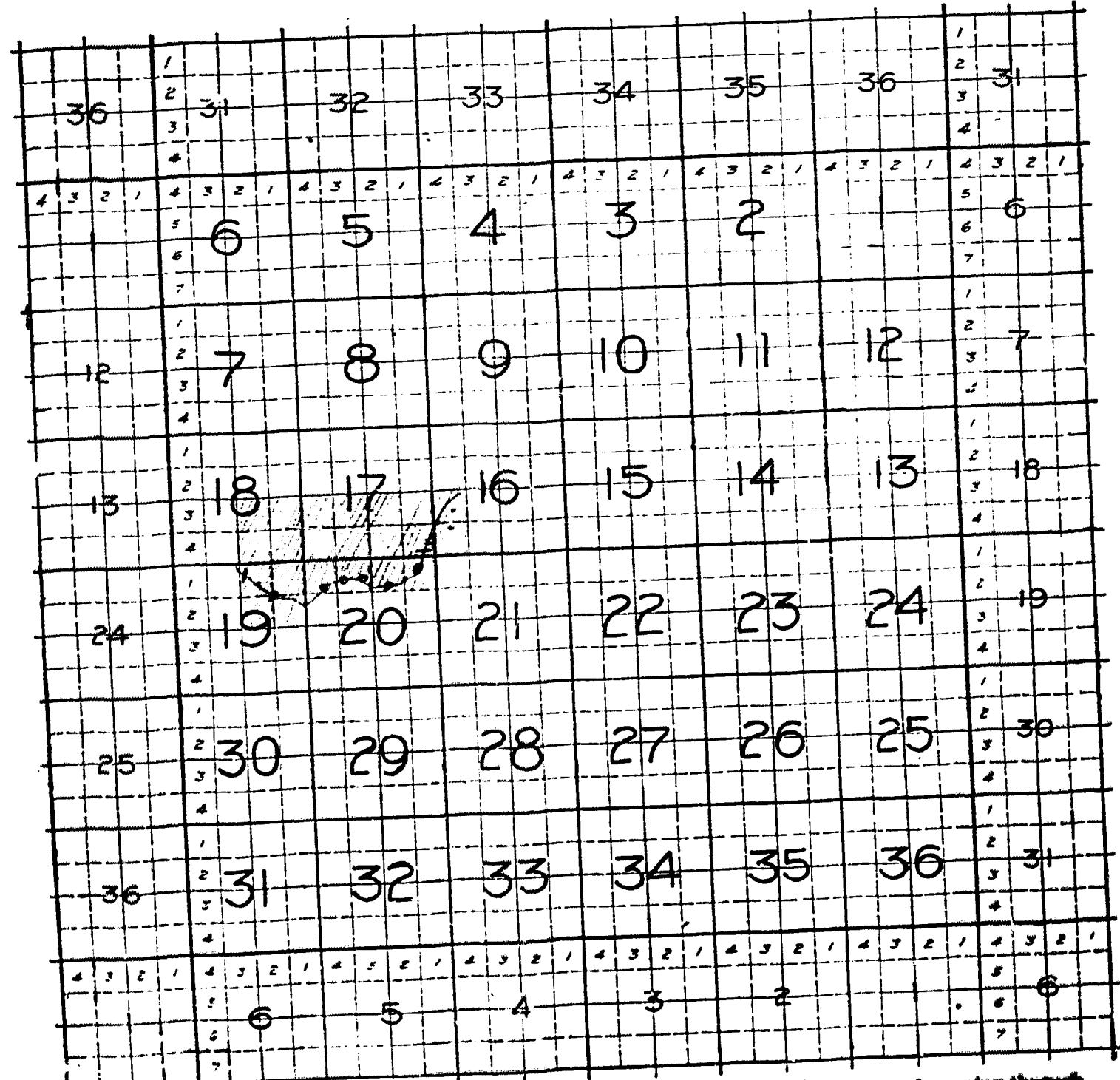
State of Montana }
County of Fergus }
ss.

APR 18 1962 19

Filed 10:30 a.m. P.M.
Evelyn Riddle
County Clerk and Recorder

"2nd fl."

Township No. 11 Range No. 17 East Meridian.



• Springs and - Dams running along Hyde Creek beginning in Section 16, and running through parts of Sections 20 and 19 as above set forth.

/ Area irrigated

Printed and for sale by The Standard News Co., Inc., Lewiston, Mont.

File No. 9395

T. 11 N. R. 17 E.

DUPLICATE

County Fergus

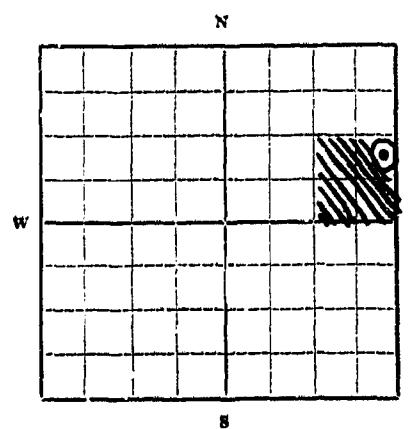
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED APR 19 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Roland Wright and Harold Looney of Meeteetse
(Name of Appropriator) (Address) (Town)County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE 1/4 NE 1/4 Sec. 18 T. 11. R. 17.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock, irrigation and other uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuously used since approximately 1935
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 miner's inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof SE 1/4 NE 1/4 Sec. 18, Twp. 11, M. R. 17, E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 750-gallon an hour power pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater See No. 3 above
8. The depth of water table 190 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 190 feet deep, 6 inch casing
10. The estimated amount of groundwater withdrawn each year See No. 3 above
11. The log of formations encountered in the drilling of each well if available None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Signature of Owner

Date April 19, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

9395 COPY

State of Montana.
County of Fergus. } ss.

Filed APR 18 1962 10
at 10:30 a.m. A. M.

Mary Rutherford
County Clerk and Recorder

4209

GW3

9393

File No.

DUPLICATE

SW 1/4

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 11, N.R. 17, S.

County.....

Fergus

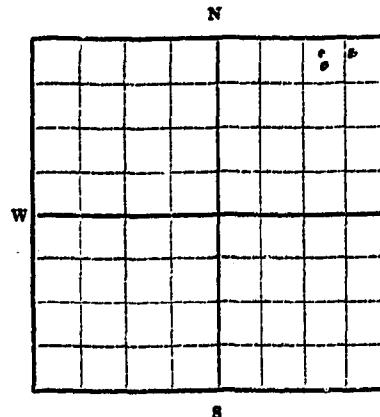
RECEIVED

APR 19 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 20, 1943Owner Harold Looney and
Roland Wright Address Moore, MontanaContractor (if any) H. C. Looney (deceased) and Burton WrightAddress of Contractor Moore, Mont.Date Started Sept. 15, 1943 Date Completed Sept. 20, 1943Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable sub-irrigation and power pumpNE 1/4 NE 1/4 Sec. 18, T. 11, R. 17

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Estimated at 500 miner's inches, water used for irrigation on $\frac{1}{4}$ SEC of Sec. 7, Twp. 11, N. R. 17, E., and livestock use, domestic use and any other uses; water used year round.

Signature of Owner Harold LooneySignature of Owner Burton WrightDate April 19, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk _____ Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropiator.

9393

COPY

State of Montana }
County of Fergus }
ss.

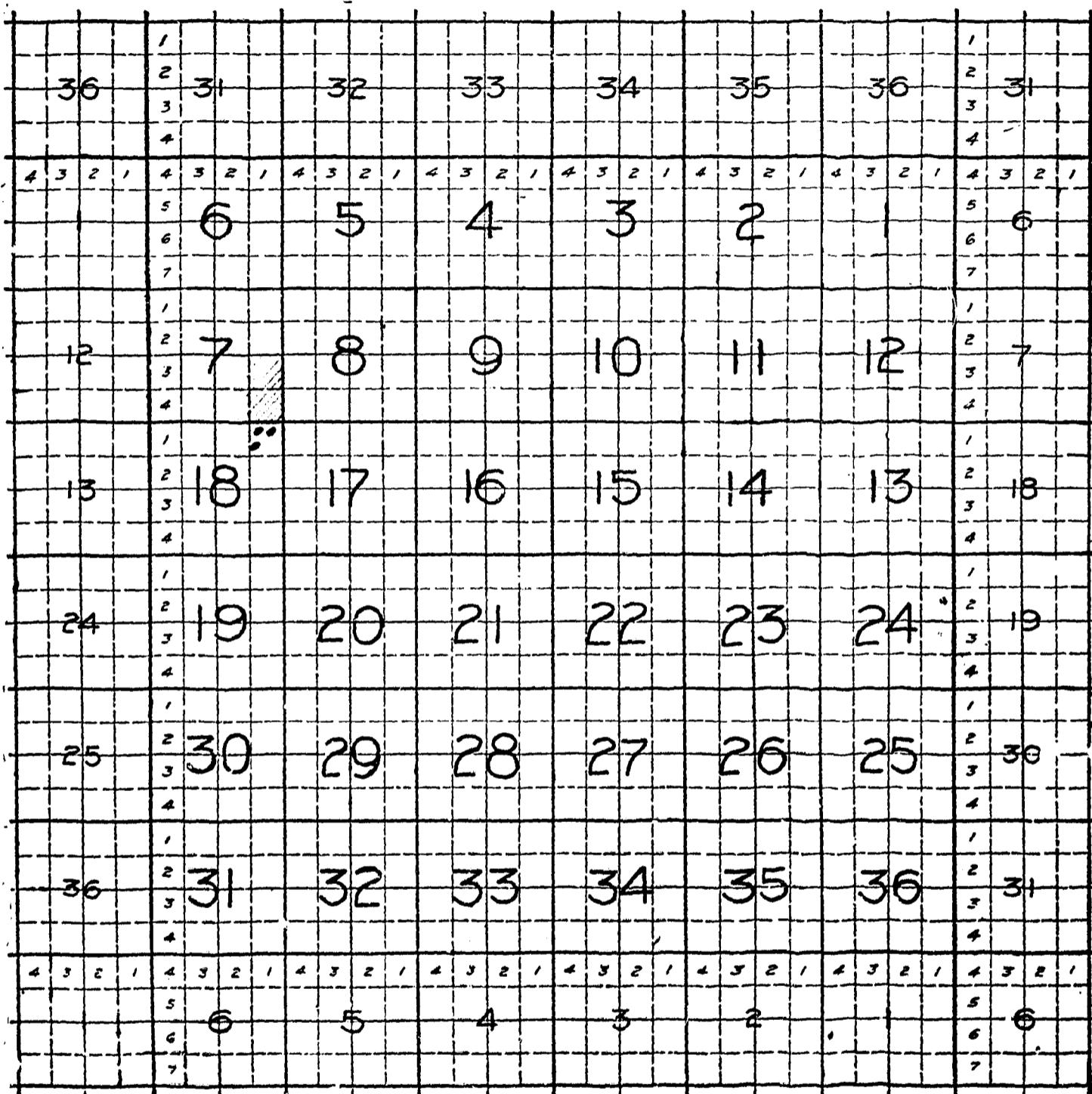
Filed APR 18 1962 19

at 10:30 a.m. o'clock A.M.

Mary Rutherford
County Clerk and Recorder

**200 fm*

Township No. 11 Range No. 17 Meridian
..... East



Spring on NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 18, Twp. 11, N. Ego. 17, East

Area irrigated
No. 40B 2-65 2M

Printed and For Sale by The Daily News, Lewistown, Montana

GW3

File No. 9389

DUPLICATE

T. 11 N. R. 17 E.

County

RECEIVED
APR 19 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 5, 1958
Harold Looney and

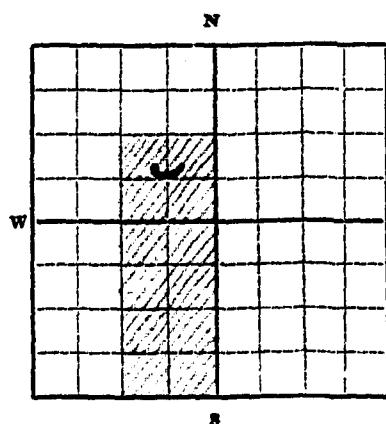
Owner Ronald Wright Address Moore, Montana

Contractor (if any) Harold Looney and Burton Wright

Address of Contractor Moore, Montana

Date Started September 4, 1958 Date Completed September 5, 1958

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation and power pump



SE 1/4 NW 1/4 Sec. 21 T. 11 R. 17

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Estimated at 500 miner's inches; water used for irrigation on SE 1/4 NW 1/4, NE 1/4 SW 1/4 of Sec. 21, Twp. 11 N., Rge. 17 E., and livestock use, domestic use and any other uses; water used year round

Signature of Owner
Harold Looney
Signature of Owner
Ronald Wright

Date APR 13, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

9389

COPY

State of Minnesota
County of Fergus

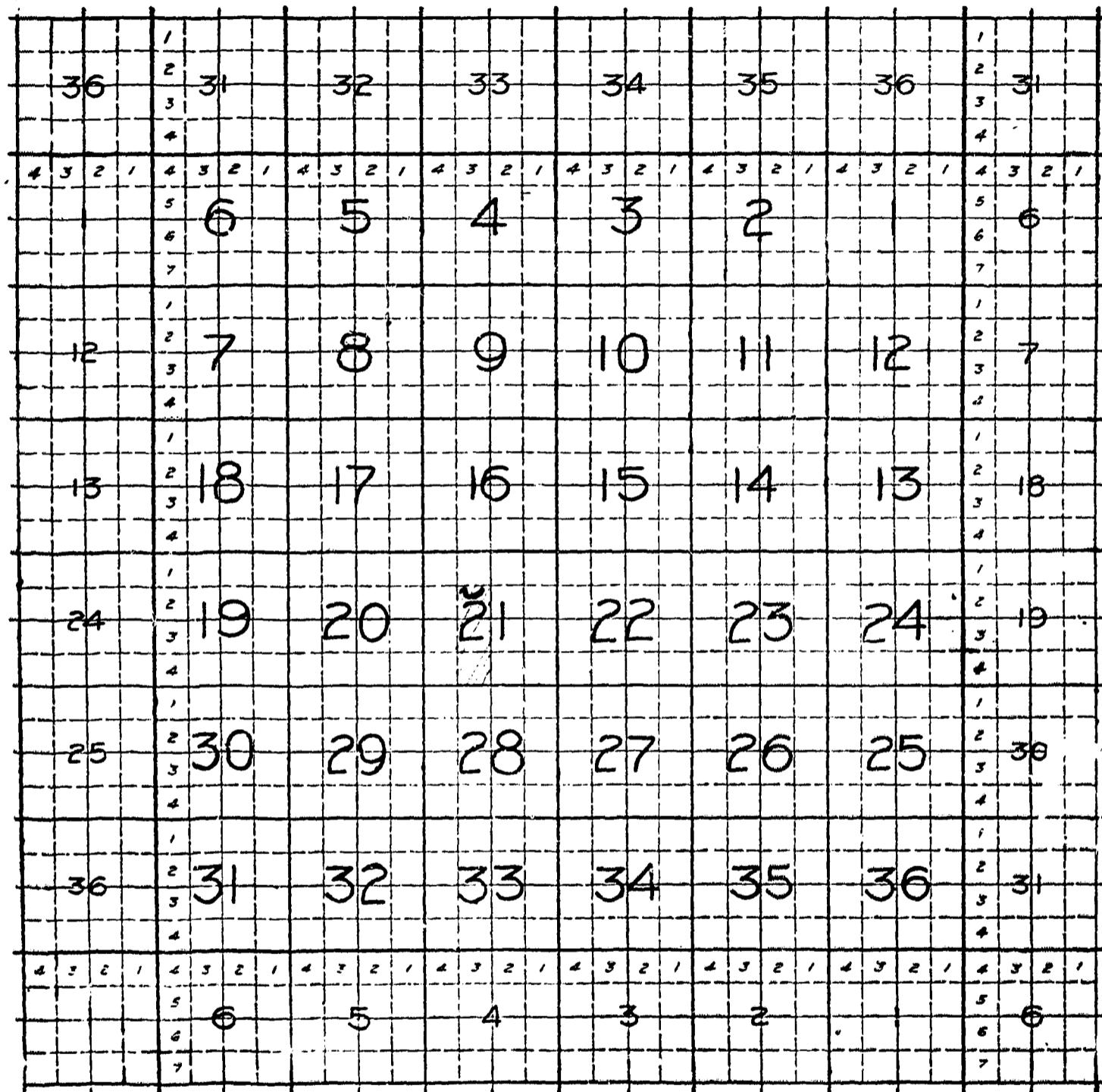
APR 18 1962

Filed 10:30 a.m.

Mary Ruthburn
County Clerk and Recorder

*2nd pg

Township 11 N. Range 17 E. Meridian



✓ Dam on SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 21

Area irrigated

No. 40B 9-60 2M

Printed and For Sale by THE DAILY NEWS, Lewistown, Montana

GW3

File No. 3387

T. 11 N. R. 17 E.

DUPLICATE

County Fergus

RECEIVED
APR 19 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 23, 1943
Harold Looney and

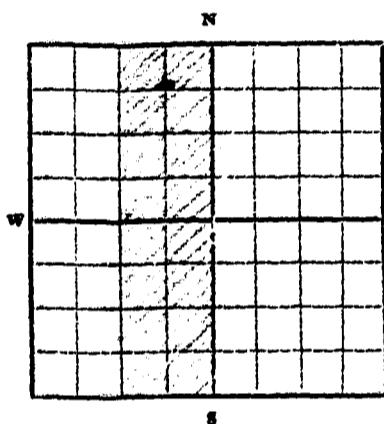
Owner Roland Wright Address Moore, Montana

Contractor (if any) H. C. Looney and Burton Wright

Address of Contractor Moore, Montana

Date Started Sept. 21, 1943 Date Completed Sept. 23, 1943

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation and power pumping



NE 1/4 NW 1/4 Sec. 21 T. 11 R. 17
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Estimated at 500 miner's inches water used for irrigation on NE 1/4 NW 1/4 NW 1/4 SW 1/4 of Sec. 21, Twp. 11, N. R. 17 E., and for stock uses, domestic uses and for other uses under water used year round

Signature of Owner
Signature of Owner

Date April 18, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.

9387

COPY

State of Minnesota }
County of Hennepin }

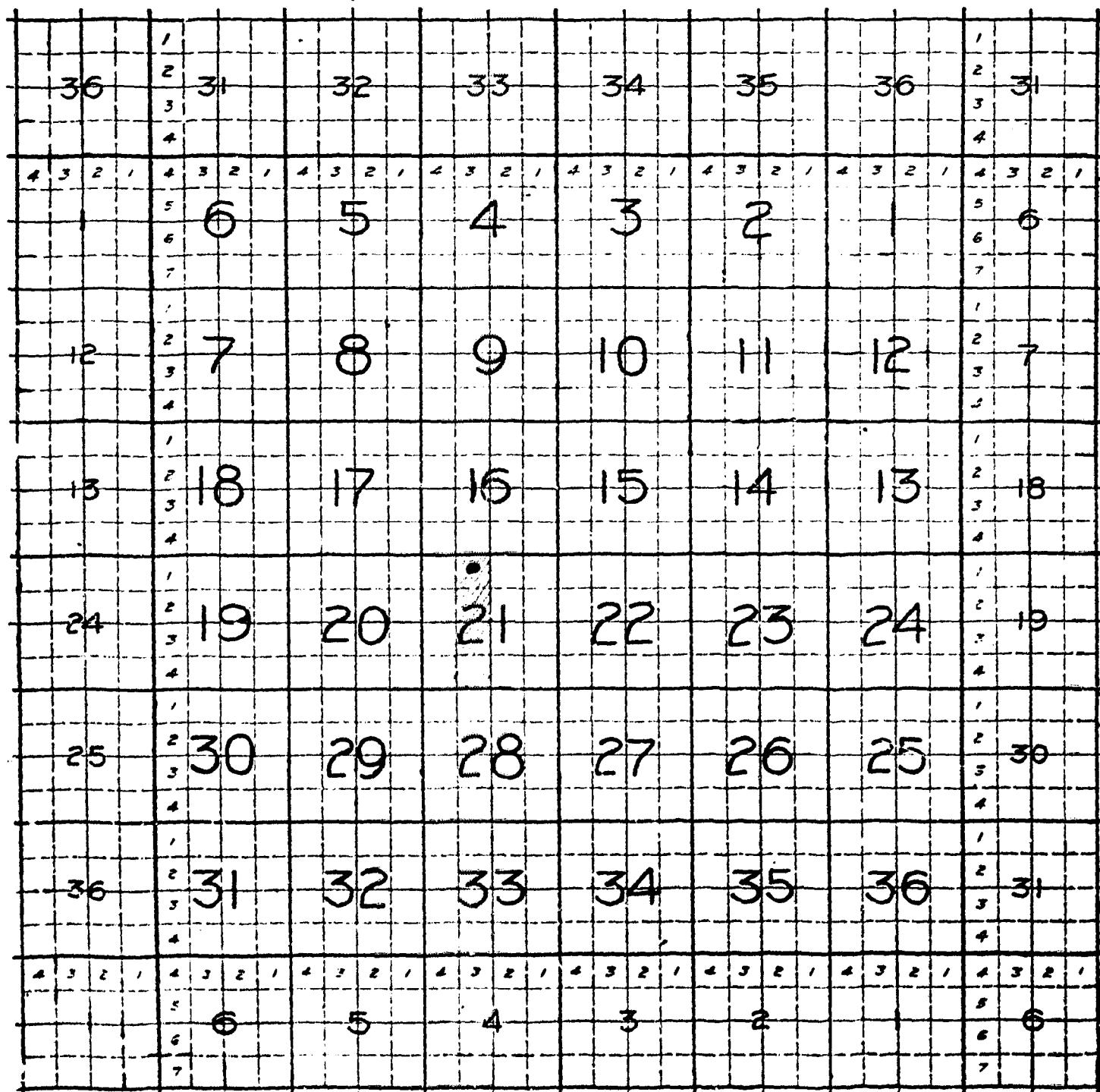
Plaintiff APR 18 1962

19

Defendant
Mrs. Ruthie
County Clerk and Recorder

*200 fm

Township No. **11** Range No. **17** Meridian.



• Springs on NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 21

Area Irrigated

File No. 17438

T 11 R 17

DUPLICATE

County Fergus

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

JAN 2 1964

**Notice of Completion of Groundwater
Appropriation by Means of Well**

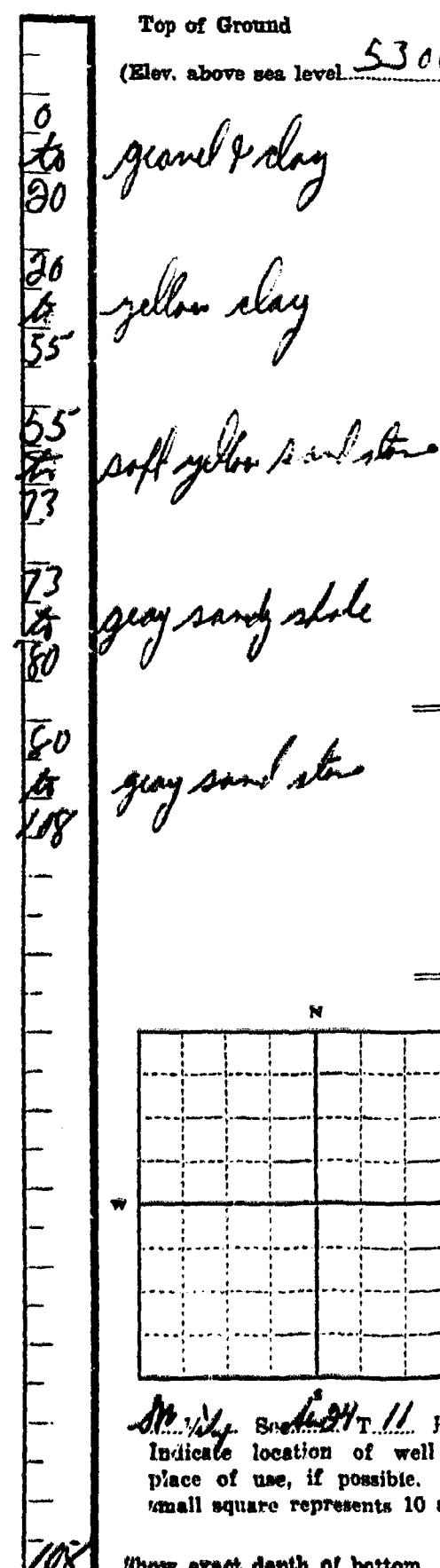
(Under Chapter 237, Montana Session Laws, 1961)

Owner Bob P. Lucas Address Judith Gap, Mont.Driller J. J. Prime Address Judith Gap, Mont.

Date of Notice of Appropriation of Groundwater

Date well started Aug 29, 1961 Date Completed Sept 3, 1961Type of well drilled Equipment Used cable tool
(dug, driven, bored or
drilled) (Churn, drill, rotary or
other)Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Min. Size	From (Feet)	To (Feet)
6 1/4	20 ga 6 rings. thin	0	108	1 1/2	80	100

Static Water Level for non-flowing Well 60 feet.

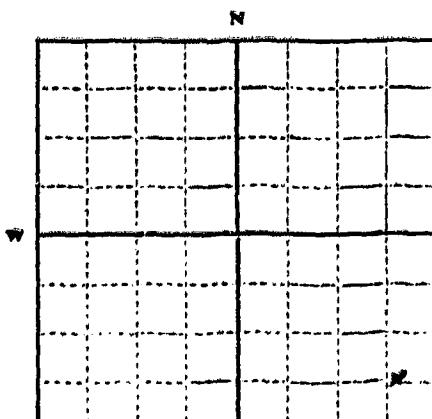
Shut-in Pressure for Flowing Well

Pumping Water Level 100 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested dry on sand Length of Test tell flow was steady

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)



Mr. W. W. Con. Lic No 60
Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.

Mr. W. W. Con. Lic No 60

Driller's License Number

Bob J. Prime

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

17356

17438

COPY

State of Montana, } ss.
County of Fergus.

MAY 30 1953

Filed..... at 4:55 o'clock P.M.
Fees \$2.00
Pd. MAY RATHBUN
County Clerk and Recorder

GW3

File No. 8787

DUPLICATE

11 a.m. 27-2
RECEIVED
County FERGUS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Date of Appropriation of Groundwater

Owner ADAM H. RUNG Address JUDITH GAP, MONT

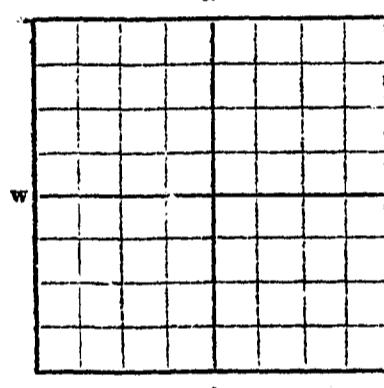
Contractor (if any)

Address of Contractor

Date Started 1941 thru Date Completed to 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Dams for sub-irrigation and ditch irrigation.



..... 1/4 Sec. T. R.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

used all year for stock water.

Signature of Owner.

Adam H. Rung

Date Feb. 28, 1962.

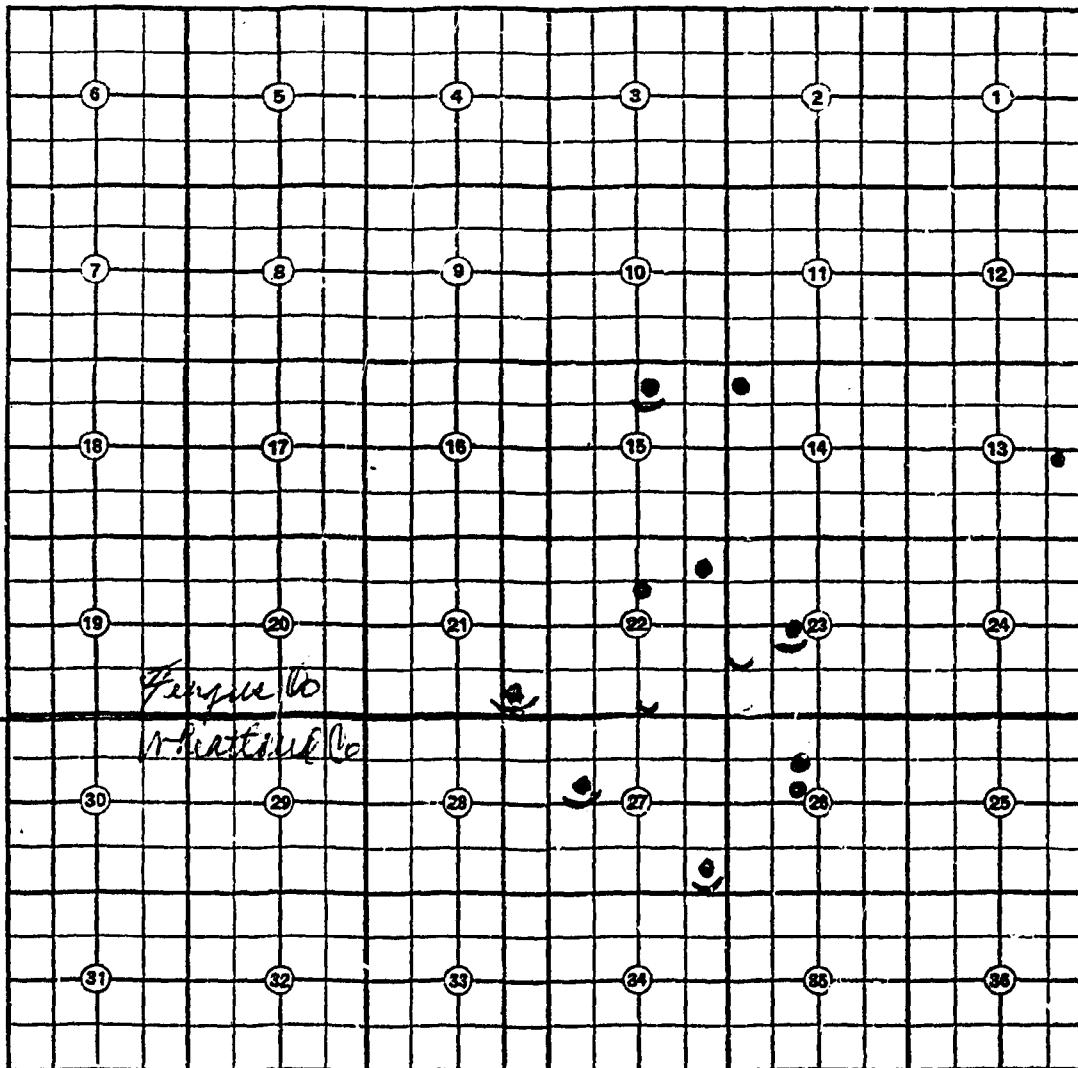
This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1769

Tp. 11 N. N. Rg. 17 E.

MEMORANDUM

These were all springs at one time; those that were tramped and not furnishing enough water we cleaned out with dozer & dragline. Those with a quarter circle have dams that we built below the spring. There are beaver dams too, so altogether we get a lot of subirrigation.

File No. 17783

DUPLICATE

T. 11N R. 14E

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

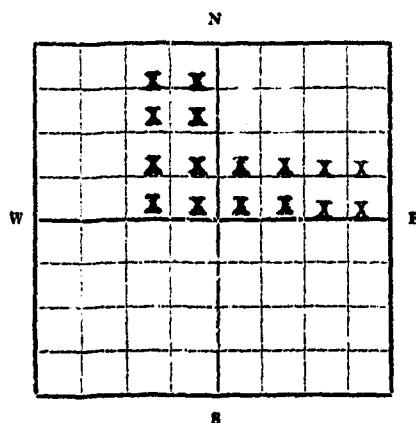
(Under Chapter 237, Montana Session Laws, 1961)

JAN 3 1962

STATE ENGINEER

1. Chas R. Neal, of Lewisburg (Address) (Town)

County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 21 T. 11N R. 14E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 5/12/12
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 miner's inches of the waters of Spring Creek
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about 1/4 of Sec. 21, Twp. 11N, Rge. 14 E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Ditches and laterals
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started 5/12/12, completed 9/17/12
8. The depth of water table not applicable, surface water
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater not available
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Recorded Book 6 Water Rights, page 256, records of Fergus County

Signature of Owner

Date December 30, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

19226

17783

COPY

*State of Montana, } ss.
County of Fergus.*

*Filed DEC 3 1963 19
at 3:45 o'clock P.M.
\$10.00 MAY RATHBUN
P.J. County Clerk and Recorder*

DUPLICATE

T. 11 R. 18

County *Fergus*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

DEC 5 1963

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner *Ralph Lilly* Address *Hulberton, Mont.*

Driller *Jay Pirel* Address *Diamond, Mont.*

Date of Notice of Appropriation of Groundwater.....

Date well started *June 19, 1963* Date Completed *July 6, 1963*

Type of well *drilled* Equipment Used *call tool*
(dug, driven, bored or
drilled) (Churn, drill, rotary or
other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground
(Elev. above sea level *5525*)
soil.
loamy gravel
clay & gravel layers.
soft yellow clay.
yellow sand stone
very soft yellow S.S.
soft yellow sand stone.
gray sand stone

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	<i>30g.</i> <i>5 in ID</i>	<i>0</i>	<i>265</i>	<i>3/4</i>	<i>200</i>	<i>265</i>

Static Water Level for non-flowing Well *200* feet.

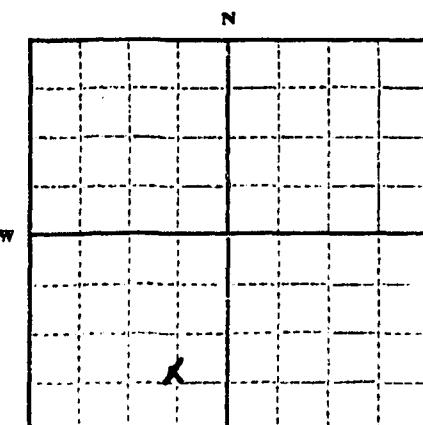
Shut-in Pressure for Flowing Well.....

Pumping Water Level *265* feet at *5* gal. per minute.

Discharge in gal. per min. of flowing well.....

How Test'd. *Boiler made* Length of Test *till flow was steady*

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

*SW 1/4 Sec 23 T 11 R 18*

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

265

Show exact depth of bottom.

Bank W.W. Lic No. 80

Driller's License Number

Jay D Pirel

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7841

1A583

COPY

State of Montana,
County of Fergus

DEC 4 1963

Filed

at 10:02 o'clock A.M.
Wayne Rothblum
County Clerk and Recorder

#2^o pg.